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on November 2, 1994.

Keith M. Tackett
Keith M. Tackett

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)

DALE L. HANDLIN, JR. ET AL)

Serial No. 08/306,552)

Filed September 15, 1994)

BUTADIENE POLYMERS HAVING TERMINAL
FUNCTIONAL GROUPS)

Group Art Unit: 1505

Examiner:

November 2, 1994

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. No copies are being submitted since these references were cited in the parent case, Serial No. 07/938,917 filed 08/31/92.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialling next to each item submitted by the Applicant.

Respectfully submitted,

DALE L. HANDLIN, JR. ET AL.

By *Keith M. Tackett*
Their Attorney, Keith M. Tackett
Registration No. 32,008
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Houston, Texas 77252-2463

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Dale L. Handlin, Jr. et al.FILING DATE
09/15/94GROUP
1505

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
-	AA	4,075,289	02/21/78	FALK
-	AB	3,629,172	11/21/71	JONES
-	AC	4,855,509	08/08/89	DAVE ET AL.
-	AD	4,857,615	08/15/89	BRONN ET AL.
-	AE	4,857,618	08/15/89	SILVER ET AL.
-	AF	4,866,120	09/12/89	RUDNICK ET AL.
-	AG	4,906,691	03/06/90	JOSEPH ET AL.
-	AH	4,994,532	02/19/91	HAWKINS ET AL.
-	AI	4,469,829	09/04/84	KONIETZNY ET AL.

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation	
					Yes	No
-	AL	1,520,489	12/03/74	FRANCE	X	
-	AM	1,373,045	09/14/71	JAPAN	X	
	AN	64,43,503	02/15/89	JAPAN	X	
-	AO	J6 0052,845-A	03/26/85	JAPAN (ABST)		

OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

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	AS	
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.

This is not a representation that a search has been made.

08/306.552

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
-	AA	4,507,430	03/26/85	SHIMADA ET AL.
-	AB-	4,595,749	06/17/86	HOXMEIER
-	AC	4,730,031	03/08/88	SATO ET AL.
-	AD	2,864,809	11/16/58	JONES ET AL.
-	AE	2,693,461	11/02/54	JONES ET AL.
-	AF	3,629,172	12/21/71	JONES
-	AG	RE 27,145	06/22/71	JONES
-	AH	3,415,898	12/10/68	WALKER
-	AI	3,770,698	11/06/73	RIEW

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation	
					Yes	No
-	AL	91/122,77	08/22/91	WO	X	
-	AM	0,209,956	07/22/86	EUROPE	X	
-	AN	DD 234-682-A	04/09/86	DD (ABST)		
-	AO	J6 3268,703-A	11/07/88	JAPAN (ABST)		
-	AP	J5 9053,515-A	03/28/84	JAPAN (ABST)		

OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

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1505

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Patentee
AA	3,935,343	01/27/76	LIM
AB-	3,994,868	11/30/76	INOMATA ET AL.
AC	4,020,125	04/26/77	SUZUKI ET AL.
AD	4,028,485	06/07/77	POLOSO ET AL.
AE	4,079,098	03/14/78	ROSSMY ET AL.
AF	4,496,613	01/29/85	ZAGEFKA ET AL.
AI			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation	
				Yes	No
AL	J5 9053,516-A	03/28/84	JAPAN (ABST)		
AM	DD 234,683-A	04/09/86	DD (ABST)		
AN	DD 147,247	03/25/81	DD (ABST)		
AO	DD 208,470-A	05/02/84	DD (ABST)		
AP	DD 208,471-A	05/02/84	DD (ABST)		
AQ	DE 3342,766-A	05/30/84	DE (ABST)		
AP	BE 793,660-Q	05/02/73	BE (ABST)		

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- This is not a representation that a search has been made.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. KPR-T3229A-RE	PATENT NO. 5,405,911
	APPLICANT Dale L. Handlin, Jr. et al.	
	ISSUE DATE 04/11/95	GROUP / CONFIRMATION

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO	
	AH							
	AI							
	AJ							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

AK	Yves Camberlin et al.; <i>Synthesis and Properties of Partially or Fully Hydrogenated Dienic Oligomers</i> , Macromol. Chem 180 2309-2321 (1979), 3 Tables, 9 Figs.
AL	A. J. Di Milo et al.; <i>Saturated Hydrocarbon Polymers for Solid Rocket Propellants</i> , J. Macromol. Sci-Chem, A3(7), November, 1969, pp. 1419-1442, 8 Tables, 15 Figs.
AM	Karel Bouchal et al.; <i>The Hydrogenation of HO-Terminated Telechelic Polybutadienes in the Presence of a Homogeneous Hydrogenation Catalyst Based on Tris(triphenylphosphine)rhodium Chloride</i> , Angewandte Makromolekulare Chemie 165 (1989) pp. 165-180 (Nr. 2716)

EXAMINER	DATE CONSIDERED
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